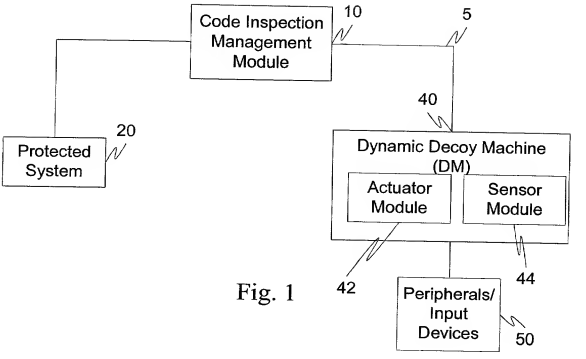
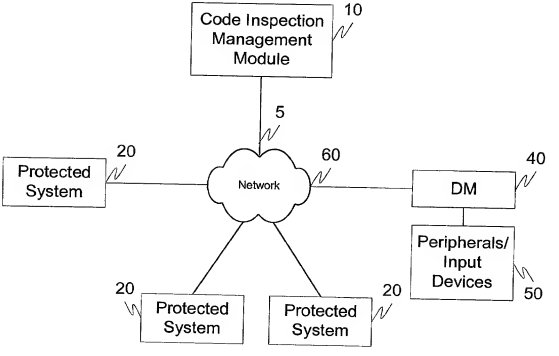


Fig. 1

Fig. 2



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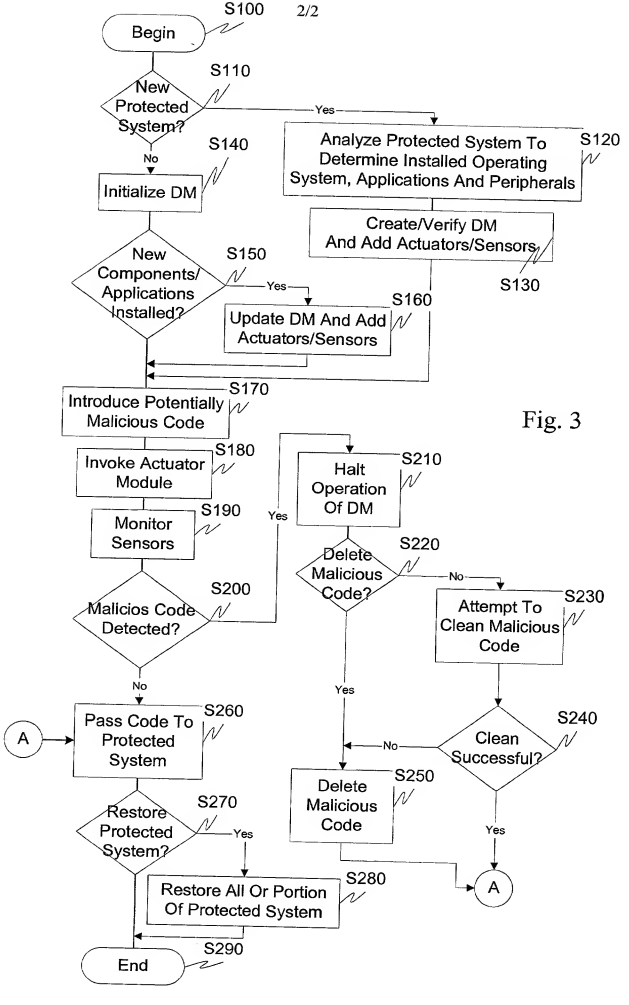
S100
Begin
S110
New Protected System?
Yes
No
S120
Analyze Protected System To Determine Installed Operating System, Applications And Peripherals
S140
Initialize DM
Create/Verify DM And Add Actuators/Sensors
S130
S150
New Components/ Applications Installed?
Yes
S160
Update DM And Add Actuators/Sensors
S170
Introduce Potentially Malicious Code
S180
Invoke Actuator Module
S190
Monitor Sensors
S200
Malicios Code Detected?
Yes
No
S210
Halt Operation Of DM
S220
Delete Malicious Code?
No
Yes
S230
Attempt To Clean Malicious Code
S240
Clean Successful?
No
Yes
S250
Delete Malicious Code
S260
A
Pass Code To Protected System
S270
Restore Protected System?
Yes
S280
Restore All Or Portion Of Protected System
A
S290
End

Fig. 3